

**JCOG09U.S.P.O.
09/12/89
11730766**

		
Class		Subclass
ISSUE CLASSIFICATION		

PATENT NUMBER

U.S. UTILITY Patent Application

M 77 HKM O.I.P.E. 115' KC3 SCANNED 115' Q.A. <i>AK</i>		PATENT DATE
--	--	-------------

APPLICATION NO. 09/727839	CONT/PRIOR	CLASS 360	SUBCLASS 97.03	ART UNIT 2651	EXAMINER NGUYEN	WATKO
------------------------------	------------	--------------	-------------------	------------------	--------------------	-------

TITLE	APPLICANTS
1. Chairman	1. Mr. J. H. ...
2. Vice Chairman	2. Mr. J. H. ...
3. Secretary	3. Mr. J. H. ...
4. Treasurer	4. Mr. J. H. ...
5. Member	5. Mr. J. H. ...
6. Member	6. Mr. J. H. ...
7. Member	7. Mr. J. H. ...
8. Member	8. Mr. J. H. ...
9. Member	9. Mr. J. H. ...
10. Member	10. Mr. J. H. ...
11. Member	11. Mr. J. H. ...
12. Member	12. Mr. J. H. ...
13. Member	13. Mr. J. H. ...
14. Member	14. Mr. J. H. ...
15. Member	15. Mr. J. H. ...
16. Member	16. Mr. J. H. ...
17. Member	17. Mr. J. H. ...
18. Member	18. Mr. J. H. ...
19. Member	19. Mr. J. H. ...
20. Member	20. Mr. J. H. ...
21. Member	21. Mr. J. H. ...
22. Member	22. Mr. J. H. ...
23. Member	23. Mr. J. H. ...
24. Member	24. Mr. J. H. ...
25. Member	25. Mr. J. H. ...
26. Member	26. Mr. J. H. ...
27. Member	27. Mr. J. H. ...
28. Member	28. Mr. J. H. ...
29. Member	29. Mr. J. H. ...
30. Member	30. Mr. J. H. ...
31. Member	31. Mr. J. H. ...
32. Member	32. Mr. J. H. ...
33. Member	33. Mr. J. H. ...
34. Member	34. Mr. J. H. ...
35. Member	35. Mr. J. H. ...
36. Member	36. Mr. J. H. ...
37. Member	37. Mr. J. H. ...
38. Member	38. Mr. J. H. ...
39. Member	39. Mr. J. H. ...
40. Member	40. Mr. J. H. ...
41. Member	41. Mr. J. H. ...
42. Member	42. Mr. J. H. ...
43. Member	43. Mr. J. H. ...
44. Member	44. Mr. J. H. ...
45. Member	45. Mr. J. H. ...
46. Member	46. Mr. J. H. ...
47. Member	47. Mr. J. H. ...
48. Member	48. Mr. J. H. ...
49. Member	49. Mr. J. H. ...
50. Member	50. Mr. J. H. ...
51. Member	51. Mr. J. H. ...
52. Member	52. Mr. J. H. ...
53. Member	53. Mr. J. H. ...
54. Member	54. Mr. J. H. ...
55. Member	55. Mr. J. H. ...
56. Member	56. Mr. J. H. ...
57. Member	57. Mr. J. H. ...
58. Member	58. Mr. J. H. ...
59. Member	59. Mr. J. H. ...
60. Member	60. Mr. J. H. ...
61. Member	61. Mr. J. H. ...
62. Member	62. Mr. J. H. ...
63. Member	63. Mr. J. H. ...
64. Member	64. Mr. J. H. ...
65. Member	65. Mr. J. H. ...
66. Member	66. Mr. J. H. ...
67. Member	67. Mr. J. H. ...
68. Member	68. Mr. J. H. ...
69. Member	69. Mr. J. H. ...
70. Member	70. Mr. J. H. ...
71. Member	71. Mr. J. H. ...
72. Member	72. Mr. J. H. ...
73. Member	73. Mr. J. H. ...
74. Member	74. Mr. J. H. ...
75. Member	75. Mr. J. H. ...
76. Member	76. Mr. J. H. ...
77. Member	77. Mr. J. H. ...
78. Member	78. Mr. J. H. ...
79. Member	79. Mr. J. H. ...
80. Member	80. Mr. J. H. ...
81. Member	81. Mr. J. H. ...
82. Member	82. Mr. J. H. ...
83. Member	83. Mr. J. H. ...
84. Member	84. Mr. J. H. ...
85. Member	85. Mr. J. H. ...
86. Member	86. Mr. J. H. ...
87. Member	87. Mr. J. H. ...
88. Member	88. Mr. J. H. ...
89. Member	89. Mr. J. H. ...
90. Member	90. Mr. J. H. ...
91. Member	91. Mr. J. H. ...
92. Member	92. Mr. J. H. ...
93. Member	93. Mr. J. H. ...
94. Member	94. Mr. J. H. ...
95. Member	95. Mr. J.

Ashok Machcha
Gary Walker

F16 3B

Flow modification for reducing track misregistration in hard disk drives

PTO-2040
12/99

ISSUING CLASSIFICATION												
ORIGINAL				CROSS REFERENCE(S)								
CLASS		SUBCLASS		CLASS	SUBCLASS (ONE SUBCLASS PER BLOCK)							
INTERNATIONAL CLASSIFICATION												

☐ Continued on Issue Slip Inside File Jacket

<input type="checkbox"/> TERMINAL DISCLAIMER	DRAWINGS			CLAIMS ALLOWED	
	Sheets Drwg.	Figs. Drwg.	Print Fig.	Total Claims	Print Claim for O.G.
<input type="checkbox"/> The term of this patent subsequent to _____ (date) has been disclaimed.	_____ (Assistant Examiner) (Date)			NOTICE OF ALLOWANCE MAILED	
<input type="checkbox"/> The term of this patent shall not extend beyond the expiration date of U.S Patent. No. _____ _____ _____	_____ (Primary Examiner) (Date)			ISSUE FEE	
				Amount Due	Date Paid
<input type="checkbox"/> The terminal _____ months of this patent have been disclaimed.	_____ (Legal Instruments Examiner) (Date)			ISSUE BATCH NUMBER	

WARNING: The information disclosed herein may be restricted. Unauthorized disclosure may be prohibited by the United States Code Title 35, Sections 122, 181 and 368. Possession outside the U.S. Patent & Trademark Office is restricted to authorized employees and contractors only.

Form PTO-436A
(Rev. 6/99)

FILED WITH: ☐ DISK (CRF) ☐ FICHE ☐ CD-ROM
(Attached in pocket on right inside flap)